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**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

09792909-6305

U.S. APPLICATION NO. UNKNOWN SEE 37 CFR 1.51

**107539490**INTERNATIONAL APPLICATION NO.  
**PCT/JP2004/015537**INTERNATIONAL FILING DATE  
**October 20, 2004**PRIORITY DATE CLAIMED  
**October 20, 2003**TITLE OF INVENTION  
**RECORDING LIQUID, LIQUID CARTRIDGE, LIQUID DISCHARGE APPARATUS AND METHOD OF LIQUID DISCHARGE**

APPLICANT(S) FOR DO/EO/US

**Hideki Sekiguchi, Yasuhiro Tanaka and Noriaki Furukawa**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11 to 20 below concern document(s) or information included:

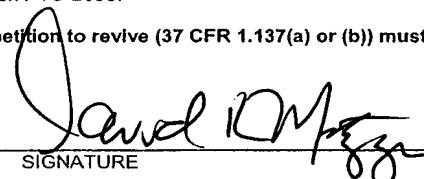
11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20.  Other items or information: **Forms 301, 304, 311 & 11 shts of drwgs (Figs. 1-12)**

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete. Including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

J605 Rec'd PCT/PTO 17 JUN 2005

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PTO-1390 (Rev. 12-2004)  
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U.S. APPLICATION NO. <small>10/145,394 (see 37 CFR 1.5)</small>		INTERNATIONAL APPLICATION NO. PCT/JP2004/015537		ATTORNEY'S DOCKET NUMBER 09792909-6305																															
<p>21. The following fees are submitted:</p> <table> <tr> <td><input checked="" type="checkbox"/> a) Basic national fee.....</td> <td>\$300.00</td> <td colspan="2">Applicant use</td> <td colspan="2">Office use only</td> </tr> <tr> <td><input checked="" type="checkbox"/> b) Examination fee.....</td> <td>\$200.00</td> <td colspan="2">\$ 300.00</td> <td colspan="2"></td> </tr> <tr> <td><input checked="" type="checkbox"/> c) Search fee.....</td> <td>\$500.00</td> <td colspan="2">\$ 200.00</td> <td colspan="2"></td> </tr> <tr> <td colspan="2"><b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b></td> <td colspan="2">\$ 500.00</td> <td colspan="2">\$ 500.00</td> </tr> <tr> <td colspan="6"><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</td> </tr> </table>						<input checked="" type="checkbox"/> a) Basic national fee.....	\$300.00	Applicant use		Office use only		<input checked="" type="checkbox"/> b) Examination fee.....	\$200.00	\$ 300.00				<input checked="" type="checkbox"/> c) Search fee.....	\$500.00	\$ 200.00				<b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>		\$ 500.00		\$ 500.00		<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
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Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE																															
88 - 100 =	/50 =			x \$250.00	\$																														
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).																																			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$																															
Total claims	19 - 20 =		x \$50.00	\$																															
Independent claims	4 - 3 =	1	x \$200.00	\$ 200.00																															
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00																															
<b>TOTAL OF ABOVE CALCULATIONS = \$1,200.00</b>																																			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.																																			
<b>SUBTOTAL = \$1,200.00</b>																																			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).																																			
<b>TOTAL NATIONAL FEE = \$1,200.00</b>																																			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																																			
<b>TOTAL FEES ENCLOSED = \$1,240.00</b>																																			
<table> <tr> <td>Amount to be refunded:</td> <td colspan="2" style="background-color: #cccccc;"></td> <td>\$</td> </tr> <tr> <td>Amount to be charged</td> <td colspan="2" style="background-color: #cccccc;"></td> <td>\$ 1,240.00</td> </tr> </table>						Amount to be refunded:			\$	Amount to be charged			\$ 1,240.00																						
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a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.																																			
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.																																			
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-3140</u> . A duplicate copy of this sheet is enclosed.																																			
d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																																			
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																																			
SEND ALL CORRESPONDENCE TO: SONNENSCHEIN, NATH & ROSENTHAL LLP P.O. Box 061080 Wacker Drive Station - Sears Tower Chicago, IL 60606-1080 Tel. 312/876-8000 Customer #26263																																			
 SIGNATURE David R. Metzger NAME 32,919 REGISTRATION NUMBER																																			

10/539490

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Date of Deposit: June 17, 2005

I hereby certify that this correspondence is being deposited with the United States Postal "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

National U.S. phase application based on PCT application No. PCT/JP2004/015537 including the following:

Applicant(s): Hideki Sekiguchi, Yasuhiro Tanaka and Noriaki Furukawa

Attorney Docket No. 09792909-6305

\$1,200.00 filing fee (19 claims - 4 independent) (charged to AMEX account)

Executed Declaration

11 sheets of Drawings (Figs. 1-12)

Executed Assignment (PTO Form 1595 and \$40.00 recording fee) (chgd. to AMEX acct.)

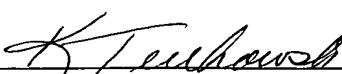
Information Disclosure Statement, PTO Form 1499 and references cited

Form 2038

Request

Forms 301, 304 and 311

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Signature of Person Mailing Application and Fees